

Wilcox Oil Company Creek County Oklahoma



EPA Region 6
Congressional District 01

Contact:
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EPA ID# OK0001010917
Site ID: 0604942
SSID: 06GG

Other Name:
Former Lorraine/Wilcox Refineries

Last Updated: February, 2014

Background

The Wilcox Oil Company (Wilcox) Site includes the inactive and abandoned Lorraine and Wilcox Oil refineries located in Bristow, Creek County, Oklahoma. The property was utilized by two different refineries with overlapping boundaries from 1915 to 1965. Wilcox Oil Company (Wilcox) operated as a crude oil refinery from the 1920s until 1963. A skimming and cracking plant was constructed in 1929. The main components of the plant consisted of a skimming plant, cracking unit and re-distillation battery with vapor recovery system and treatment equipment. Wilcox expanded when it acquired the Lorraine Refinery in 1937, which was located adjacent to Wilcox. The two refineries comprise 125 acres.

The Site includes remnants of former oil refining operations and tank farms. The Site has three major former operational areas: two processing areas with surrounding refined product and a crude oil storage area. An active railroad divides the two former processing areas and product storage areas. Most of the refinery structures and tanks have been removed or are in ruins. The tank farm covers approximately 80 acres and has a number of refinery waste source areas of concern, including, a backfilled oily waste pond, a breached settling pond, a backfilled oily waste pit, a former pond apparently backfilled with solid refinery waste, and a number of tank bottoms.

The contaminants of concern are lead and organic compounds (Total Petroleum Hydrocarbons (TPH)) contaminated soils.

The site is currently inactive, a church and six residents are located within the former refinery boundaries. Intermittent streams drain the source areas and flow to Sand Creek.

The site area is mostly rural with some residential, commercial, and industrial area. Approximately 19 people live on-site and over 5,000 people live within two miles.

Current Status

- The site was recently added to the National Priorities List in December 2013.
- EPA is currently searching for Potential Responsible Parties (PRPs) as part of the enforcement process.
- Once PRPs are identified, EPA will enter in negotiations with viable PRPs to initiate the Remedial Investigation and Feasibility Study (RI/FS).
- The RI/FS determines the nature and extent of contamination, evaluate risks, tests whether certain technologies are capable of treating the contamination, and evaluates the cost and performance of technologies that could be used to clean up the site.

- Based on results of the Feasibility Study portion of this phase, EPA will develop a Proposed Plan for cleaning up the site.
- The selected remedy will be documented in the Record of Decision.

Benefits ---

- Properties contaminated with unacceptable levels of lead and organic compounds (TPH) will be remediated, thereby protecting residents for lead and TPH exposure.
- Cleaning up the soils in the residential areas significantly lowered the overall blood lead levels in the community.

National Priorities Listing (NPL) History ---

Proposed Date: May 24, 2013
 Final Date: December 12, 2013

Location: - West 221st Street South/Refinery Road, 0.35 mile east of U.S. Highway 66

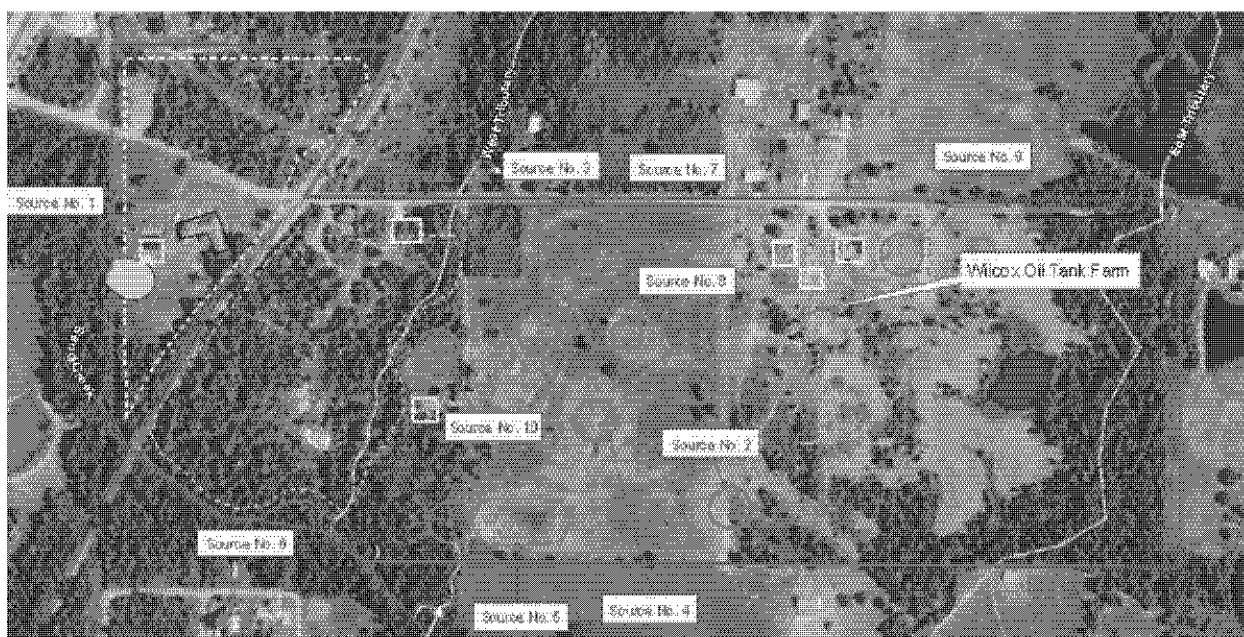
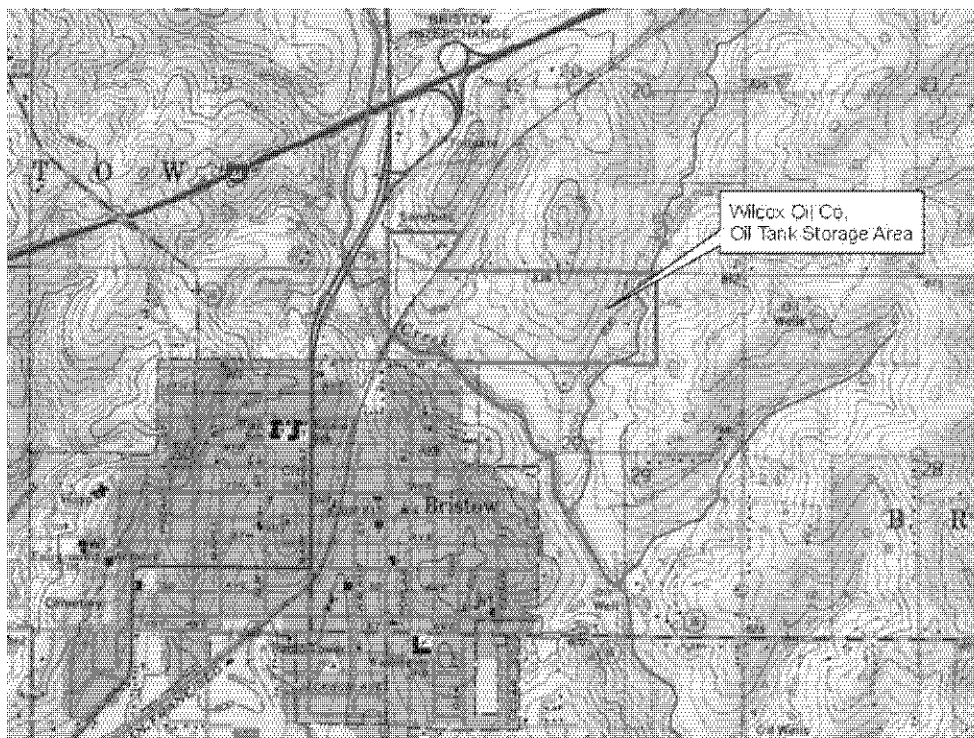
Population: - Approximately 2,404 people live within one mile of the site.
 - Approximately 6,134 people live within four miles of the site.

Setting: - The site is located northeast of the City of Bristow in the central portion of the state, the site area is mostly rural with some residential, commercial, and industrial uses.

The principal pollutants at the site include: Lead (soil):
 Total Petroleum Hydrocarbons (TPH) (soil):

The total volumes of these wastes are undetermined at this time.

Site Maps



Health Considerations

- The Agency for Toxic Substances and Disease Registry (ATSDR) is the principal federal public health agency involved with hazardous waste issues. ATSDR advises the EPA, as well as other federal and state agencies, community members and other interested parties, on the health impacts of Superfund sites.

- The agency recommends actions that need to be taken to safeguard people's health. It does this by issuing public health advisories, assessments and consultations.
- ATSDR provides information of the most common contaminants at Superfund sites by issuing short, easy-to-read fact sheets.

Record of Decision (ROD) ---

OU1 Signed: _____

- There is no Record of Decision at this time,

Contacts ---

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Inquires from the media should be directed to the EPA Region 6 Press Office:	(214) 665-2200
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